



# Great Lakes Fisheries Leadership Institute



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IAGLR

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# Identification of Need

- February 2002 – Meeting with Federal Partners
  - GLFC
  - US FWS
  - GLSC
  - GLERL
  - And GLSFC
- High priority placed on ... In-depth training to the next generation of leaders – those who are new leaders to their fisheries-related organizations, those likely to become such leaders within the next few years, and those likely to be serving as advisors to Great Lakes fishery related institutions such as the Lake Committees.

# What skills and resources do emerging leaders need?

- A network of peers from a variety of stakeholder groups
- A network of expert contacts
- Enhanced ability to see multiple sides of an issue
- Ability to read and interpret science relevant to the Great Lakes fishery
- Familiarity with key federal and state fisheries managers
- A solid knowledge base from which to build

# What knowledge base do emerging leaders need?

- Basic knowledge of fish biology
- Tools to identify Great Lakes fish species
- Basic understanding of food webs and how lower trophic levels affect fish
- Basic understanding of Aquatic Nuisance Species (ANS) impacts
- Basic understanding of state and federal laws relating to the Great Lakes fishery and ANS
- Basic understanding of direct and indirect effects of contaminants on fish
- Thorough understanding of fish consumption advisories
- Basic understanding of fish habitat needs and how these may be impacted by land use decisions
- Knowledge of fish habitat restoration successes
- Basic history of Great Lakes fishery management
- Basic understanding of processes leading to fishery management decisions
- Knowledge of fishery management jurisdictions and institutional arrangements
- Awareness of opportunities for increasing public participation
- Localized understanding of current issues within the broader system framework
- Awareness of the economic importance of the Great Lakes fisheries



# GLFLI Modules

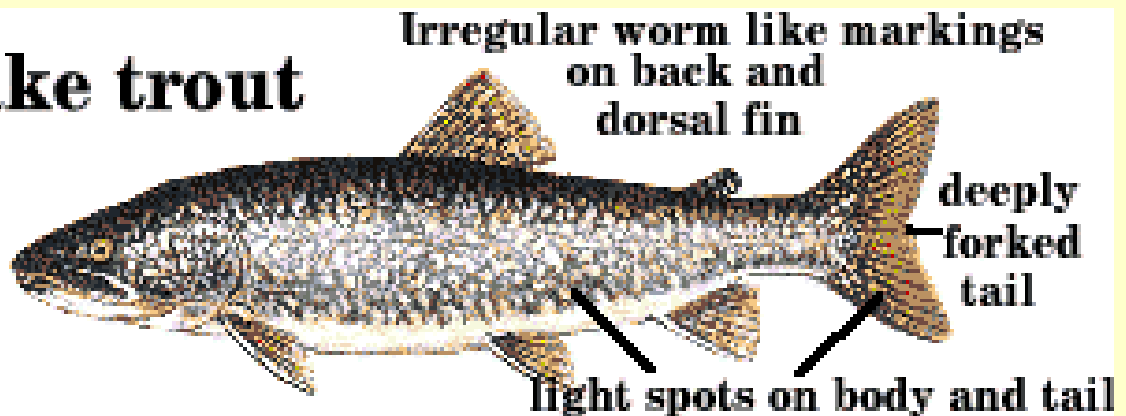
- Aquatic Science
- Aquatic Nuisance Species Effects on Sustainability
- Fisheries Habitat
- Contaminant Issues Relevant to the Great Lakes Fishery
- Fisheries Management
- Great Lakes Fishery Agencies: Institutional Arrangements, Funding and Politics
- Public Participation
- Leadership Training



# Aquatic Science

- Goal – To reduce the biological information and understanding gap between key users of the resource and biologists who manage the resource.

## Lake trout





# Aquatic Nuisance Species Effects on Sustainability

- Goal – To help fishers understand the effects aquatic nuisance species have had on the carrying capacity of the Great Lakes and how this will affect the abundance and sustainability of their fisheries into the future.





# Fisheries Habitat

- Goal – Enhance understanding of the role which fisheries habitat plays in sustaining viable reproducing fish populations







# Contaminants

- Goal – Focus on current fish consumption advisories and current issues (botulism, tumors, estrogenic substances)





# Fisheries Management

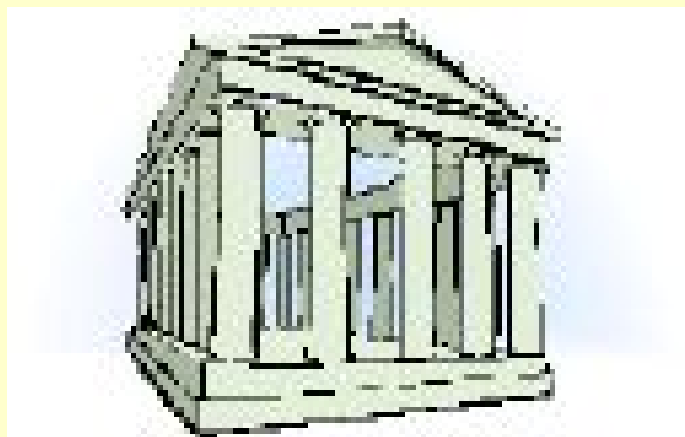
Goal – To remove the mystery around fisheries jargon, management tools and stock assessment and to introduce the principles basic to fishery management.





# Great Lakes Fishery Agencies

- Goal – Identify managers and legislators with whom Great Lakes fisheries leaders need to work in order to effectively address issues facing the fishery.



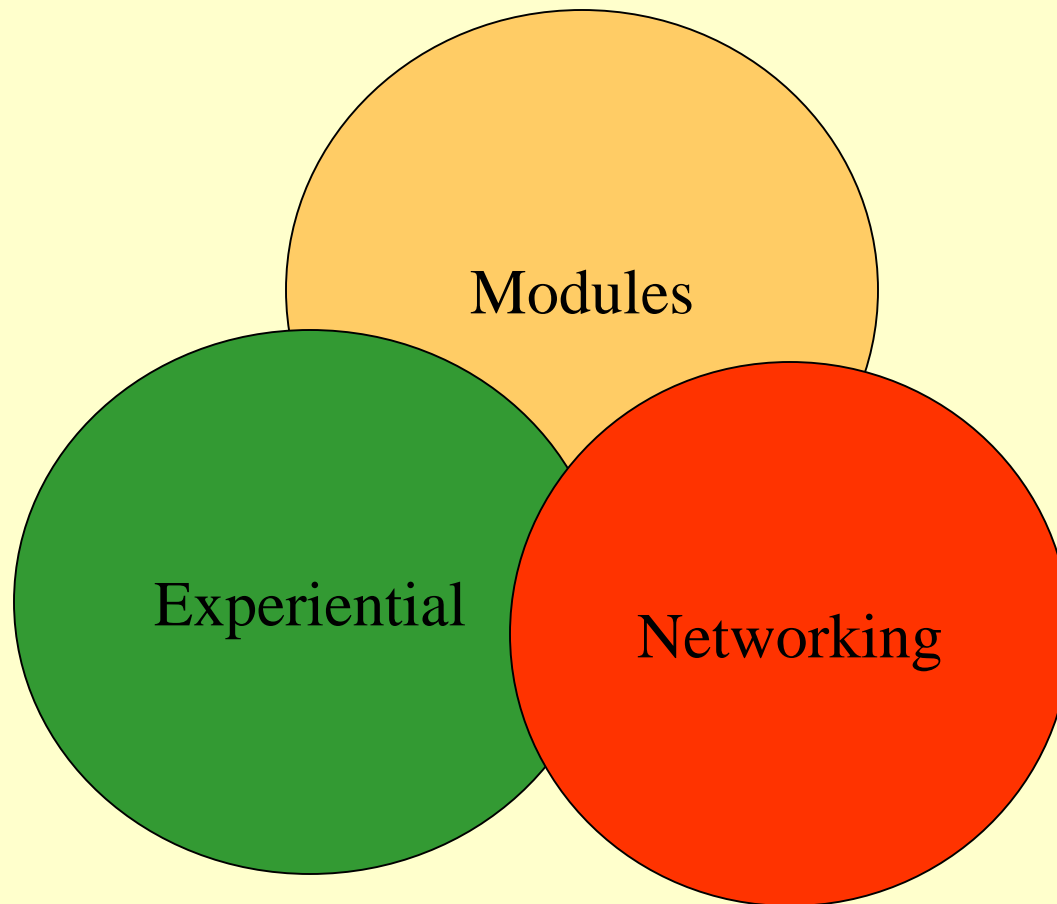


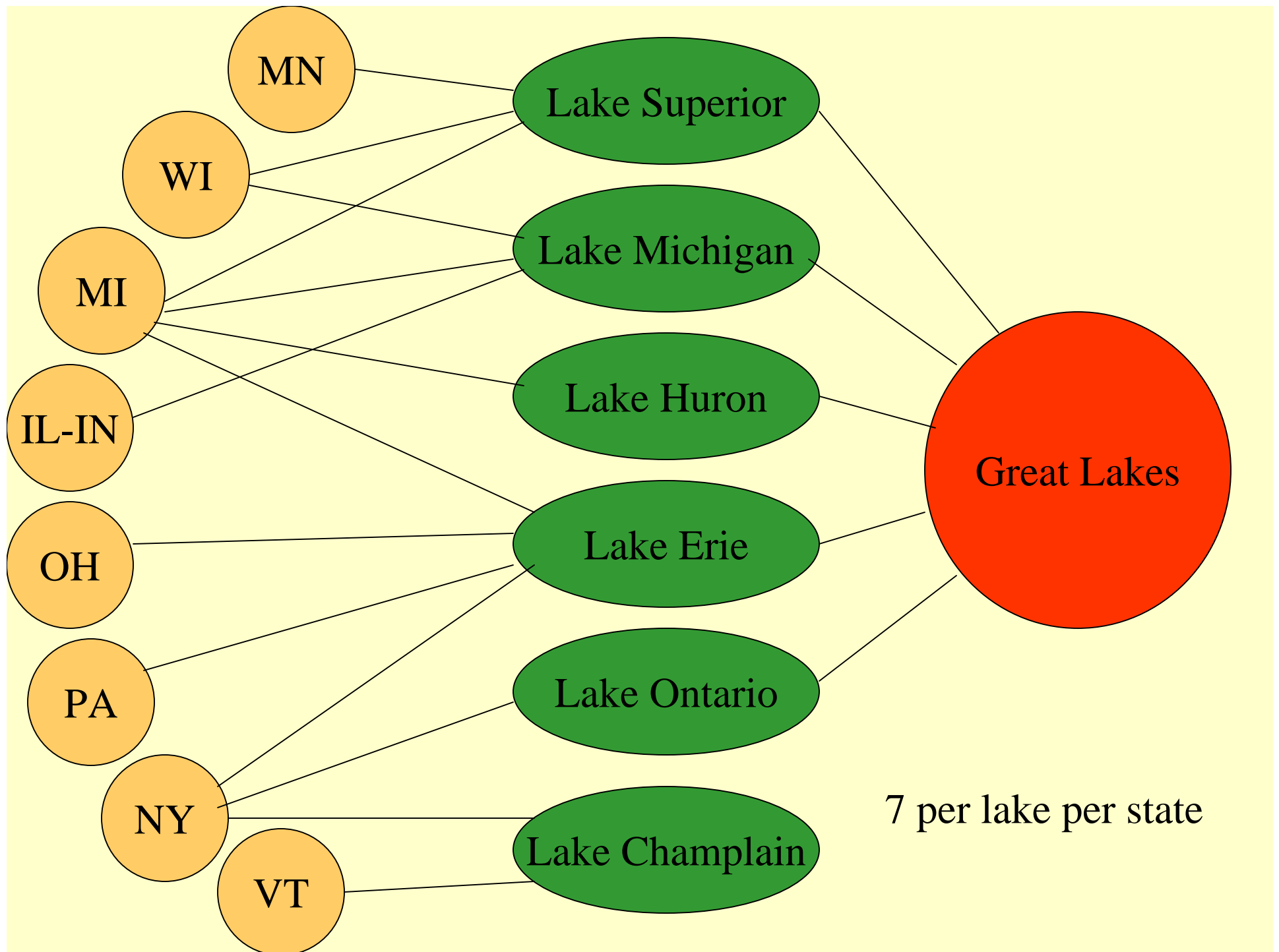
# Public Participation

- Goal – outline key public sectors participating in the Great Lakes fishery and highlight opportunities for increasing public participation



# Educational Model





# GLFLI Session Calendar

- Illinois-Indiana – July 11, 2003 – Indiana Dunes, IN
- Ohio – September 12-14 – Stone Lab Put-in-Bay, OH
- Pennsylvania – late September, Presque Isle, PA
- Lake Huron – September 26-27 – Alpena, MI
- Lake Erie – October 3-4, 2003, Erie, PA
- Lake Michigan – October 3-5, 2003 – Manitowoc, WI
- Michigan – October 21-22, 2003 – Lansing, MI
- Lake Ontario – October 24-25 – Syracuse, NY
- Lake Huron – November 7-8 – Port Huron, MI
- Lake Superior – January 11-12, 2004 – Ashland, WI
- Minnesota – January 2004 – Duluth, MN

**Additional Sessions TBA**

<http://www.greatlakesseagrant.org/leadership.html>